

# Cal OES Daily Situation Report

## December 17, 2015



A near-cloudless day across California on MODIS satellite reveals the Sierra snowpack on 12/16/15.

Photo Credit: NWS Hanford



**Cal OES**  
GOVERNOR'S OFFICE  
OF EMERGENCY SERVICES

Duty Officer	
EDO	Karen Wong
CSWC Watch Officer	Rachel Sierer Wooden (Day), Grady Tunnell (Night)
FDO	David Stone
LDO	Greg Smith
IDO	Kimberly Lorenz
CDO	Roger Sigtermans
SDO	Yvette LaDuke
PIO	Brad Alexander
TDO	Ben Green
IT	Dominick Pedicino
EQTP	Sherri Blankenheim
Tribal Liaison POC	Denise Shemenski
Access and Functional Needs POC	Grace Koch / Vance Taylor

## National Terrorism Advisory System



Note: [Report updates are in blue](#)

# SITUATION SUMMARY

## Cal OES Activation Status

State Operations Center	Inland Region EOC	Coastal Region EOC	Southern Region EOC
Level 1	Level 1	Level 1	Level 1

### National Terrorism Advisory System

- On 12/16/15 the U.S. Dept. of Homeland Security launched a new National Terror Alert System (NTAS). This system is designed to provide some context to the threat of terrorism, whether for overall informational purposes, or to advise on a credible or imminent threat. Please click the [logo/link](#) on the title page of this report and scroll to the bottom of the page to see the most recent NTAS Advisories.
- The "Bulletin" joins two other existing alert categories, Elevated and Imminent. It's the first change since the color-coded system was replaced in 2011.

### Holiday Weather

- The forecast precipitation maximum in northwest California this coming week is expected to be less than what was observed in the previous week.
- With travel being an increasing concern with the approach of the Christmas Holiday, snowfall in the Sierra may have a relatively greater impact than precipitation.
- Precipitation totals appear that they will be 3-4 inches across Del Norte and 1-2 inches to the south through early Saturday.
- Debris flow threat to recent burn scar areas may see some run-off but high impact debris flows are not likely.
- Small stream flooding and main stem rivers reaching flood stage in extreme northern California is a slight threat.
- Extended range forecasts have started to show the possibility for widespread precipitation across Southern California next Friday (Dec 25). Confidence in location is low at this time.

### North Coast Storm Preparation, Sandbag Training

Due to multiple storm systems forecasted to bring significant precipitation to Northwest California over the next several days, the National Weather Service in Eureka and the Department of Water Resources Eureka Flood Center will be providing sandbag training at their office on Woodley Island, Humboldt County.

- The office is located at: 300 Startare Drive Eureka, California 95501. Their contact phone number is: (707) 443-6484
- The training is open to everyone. No calling ahead is required and will be provided on the following dates and times:
  - Thursday, 12/17/15: 1500 to 1700 hours
  - Friday, 12/18/15: 1500 to 1700 hours
  - Saturday, 12/19/15: 0800 to 1000 hours

# **SITUATION SUMMARY**

## **Cal EOC Incident – 2014 Drought**

- SOC / Inland REOC remains activated in support of 2014 Drought
- A Sutter County Continuing Drought Resolution has been received from Sutter County.

## **Weather of Concern**

- High pressure will bring a dry day today with only slight chances of rain or snow northern areas through the end of the week. This high pressure is expected to break down however allowing a string of weather systems to move into Northern California starting this weekend and lasting through the end of the week and Christmas day. Low potential for burn scar debris flows during the Thursday through Tuesday wet pattern. Forecast rain rates are not expected to meet debris flow criteria.
- A dry air mass combined with weakening winds will allow for another cold night across much of Southern California. The Ventura County Interior Valleys, especially near Ojai will see lows falling into the upper 20s and lower 30s.

## **Active Weather Warnings, Watches and Advisories by County:**

[http://www.wrh.noaa.gov/sto/brief/www\\_bc\\_cal.php](http://www.wrh.noaa.gov/sto/brief/www_bc_cal.php)



# Key Points

12/17 – 12/23

Note: Even with storms continuing to move into CA this week, at this time precipitation this week is expected to be less than what was received last week between 9-16 December .

## Thursday-Friday

- Difficult travel possible tonight through Thursday afternoon due to freezing rain and snow potential in extreme Nrn and NE CA
- Potential for flooding of small streams and rivers as warmer storm system moves in tonight through Friday and increases runoff.
- Widespread temperatures at or below freezing expected again Thursday morning in southern CA
- Difficult travel with falling snow levels in the Sierra Friday Aftn/Night

## Saturday-Wednesday

- Mountain snow in the Sierra may create travel difficulties leading up to the Christmas Holiday
- Threat for small stream and river flooding Mon-Wed in extreme northern CA will continue with additional storms moving onshore

Christmas Holiday Note: Extended range forecasts have started to show possibility for widespread precipitation across Southern CA next Friday, but confidence in the location of the precipitation is low at this time.



# California OES Impact Threat Matrix

Dec 17, 2015 – Dec 23, 2015

DAY/THREAT	THU	FRI	SAT	SUN	MON	TUE	WED
Winds							
Extreme Cold	Srn CA						
Snow	Extreme Nrn and NE CA	Nrn & Central Sierra	Nrn & Central Sierra	Nrn & Central Sierra	Sierra	Sierra	Sierra
Freezing Rain	Extreme Nrn and NE CA						
Heavy Rain/Flash Flooding							
River/Small Stream Flooding	North Central	North Central			North Central	North Central	North Central
Severe Weather							

	High Threat
	Moderate Threat
	Slight Threat
	No Discernible Threat



# Day 1-2 Weather Hazards

Valid: 1800 PST Wed – 0800 PST Sat

-  High Threat
-  Moderate Threat
-  Slight Threat



Small Stream  
and River  
Flooding  
Possible  
Wed Nt- Fri

Difficult travel  
due to freezing  
rain and snow  
Wed Nt-Thu

Difficult travel  
with falling  
snow levels in  
the Sierra Fri  
Aftn/Night

Areas of frost  
& freeze  
concerns early  
Thursday

California

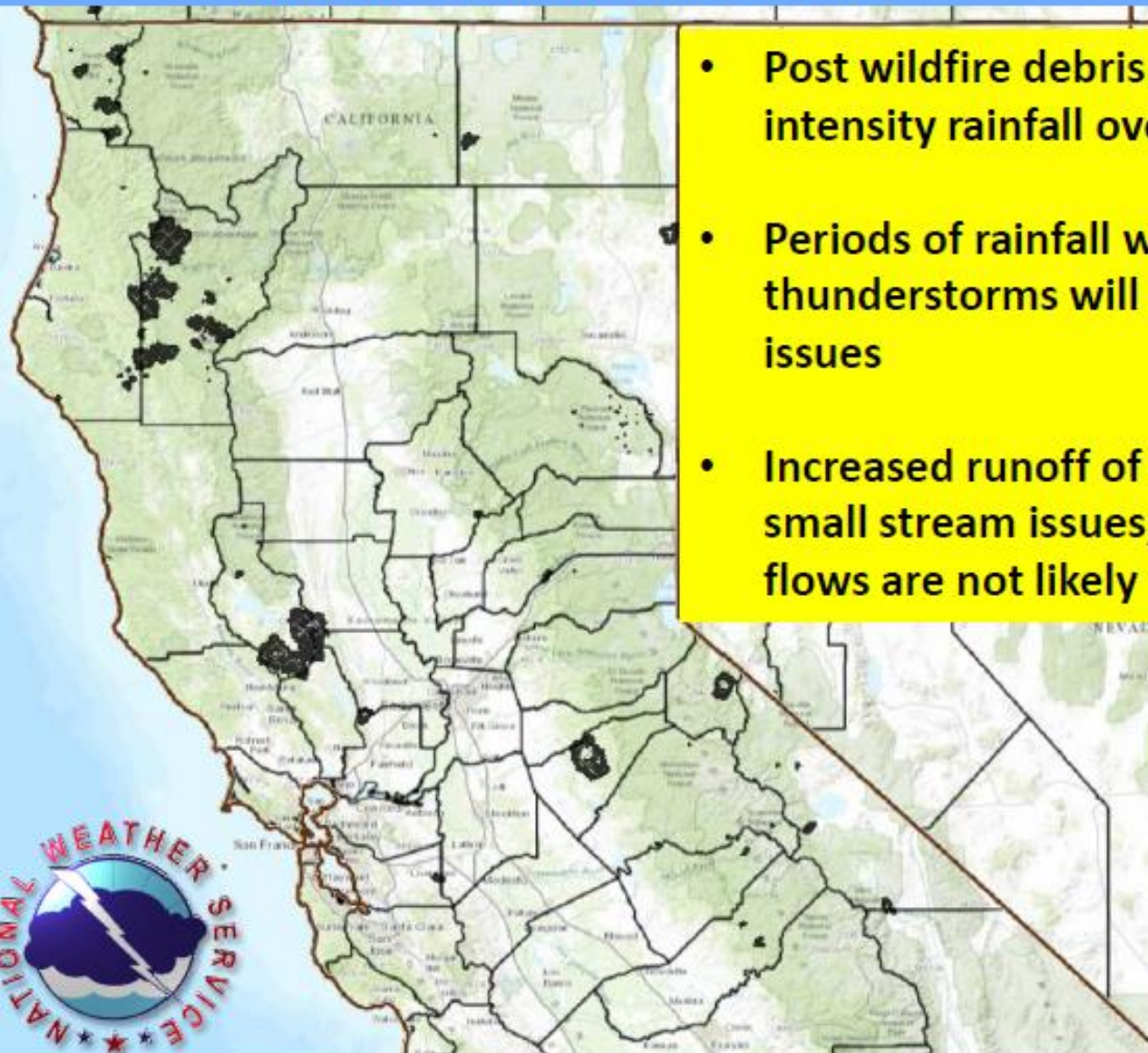




# Debris Flow Threat Consideration

## 2015 Fire Perimeters in Northern CA

- Post wildfire debris flows are caused by high intensity rainfall over a short period of time
- Periods of rainfall without embedded thunderstorms will seldom cause debris flow issues
- Increased runoff of burn scars with some small stream issues, but high impact debris flows are not likely





# WEATHER

## WEATHER SYNOPSIS BY REGION:

### NORTHERN CALIFORNIA AND CENTRAL COASTAL AREAS:

#### **Eureka Weather:**

Light warm frontal rain will filter over the North Coast. Rain will continue through the weekend. Forecast models still indicating a more significant rain event late this weekend through early next week.

#### **Medford Weather:**

Isolated pockets of below-freezing temperatures still exist in some areas such as Siskiyou Summit along Interstate 5. Precipitation is not expected to occur in that area through the early morning at least until temperatures rise to above-freezing. Moving south and east toward Mount Shasta City and Modoc County, less precipitation is expected but some may fall as freezing rain as the warm layer moves over that area.

#### **Reno Weather:**

A warm front moves through this morning with light snow near the Oregon border along with a slight chance of freezing rain. Milder weather is expected late in the week. A weak system will pass through late Friday into Saturday with light rain and mountain snow. A stronger system is possible early next week.

#### **San Francisco Weather:**

Another cold morning is expected with a Freeze Warning once again in effect for southern Monterey and San Benito Counties through 0900 hours. There is a chance of light rain in the North Bay late today into Friday. Widespread rainfall is then expected to spread across the entire region late Friday into Saturday as a frontal boundary pushes through. Unsettled weather to persist through much of next week bringing additional rain chances with a stronger system possible by Christmas.

# WEATHER

## WEATHER SYNOPSIS BY REGION:

### **CENTRAL CALIFORNIA AND SOUTHERN SAN JOAQUIN VALLEY:**

#### **Sacramento Weather:**

Wetter pattern begins Thursday as light precipitation moves across far Northern California. Rain/snow should stay north of I-80 until Friday evening and then spread southward. Wet pattern expected through the end of next week. This extended rain/snow pattern will likely impact holiday travel.

#### **Hanford Weather:**

A ridge of high pressure will remain over Central California through Friday. On Saturday, a trough of low pressure will move through bringing a threat of precipitation. A slight warming trend will take place through the end of the week.

### **SOUTHERN CALIFORNIA:**

#### **Los Angeles Weather:**

Offshore flow beneath high pressure aloft will gradually warm the temperatures through Friday. A series of disturbances will bring possible precipitation at times and mainly in the north with below normal temperatures from Saturday into midweek.

#### **Extreme Southwestern California including Orange, San Diego, Western Riverside and Southwestern San Bernardino Counties:**

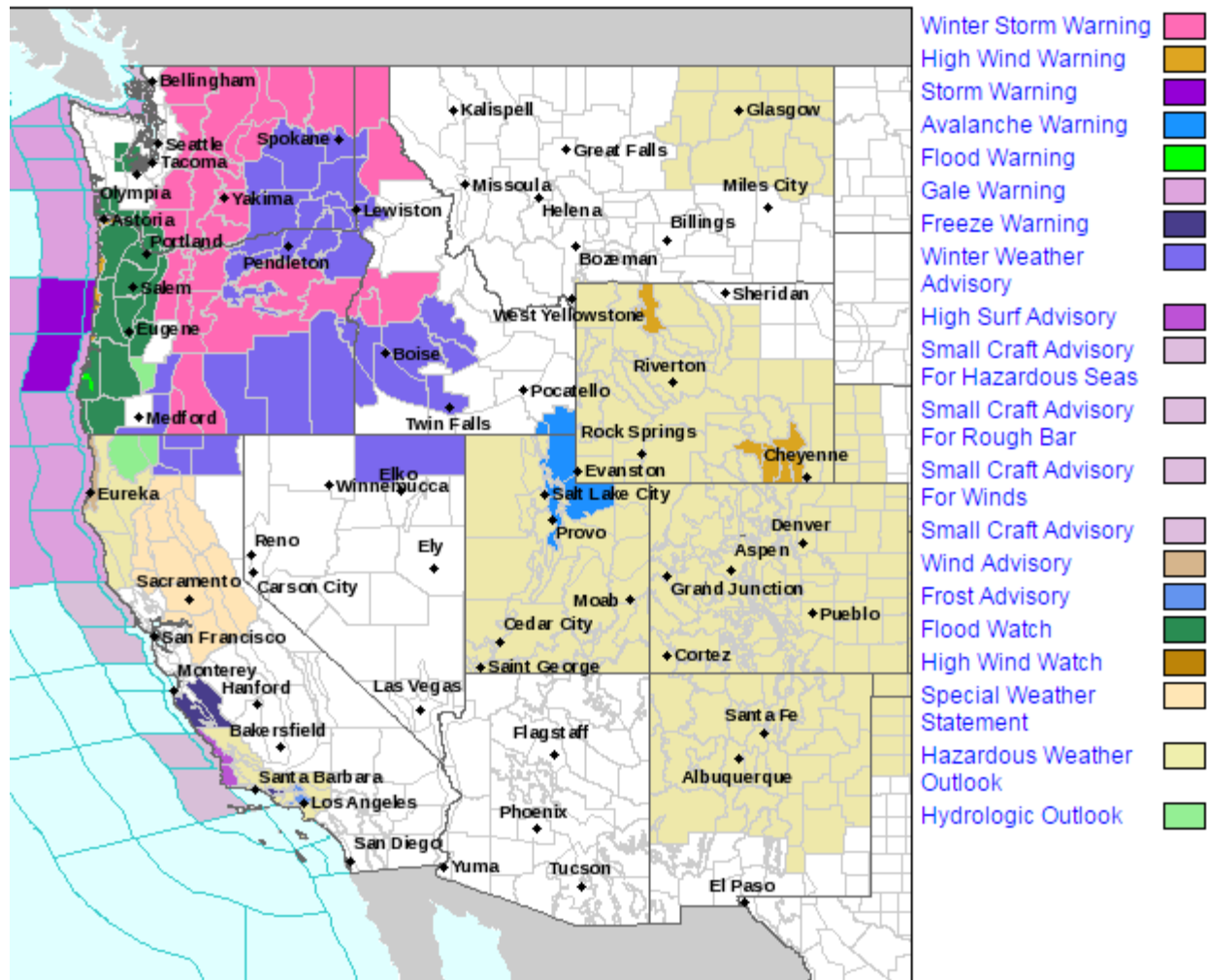
A northwest flow aloft will transition to a weak high pressure aloft with warming to slightly above average temperatures for Friday. For late Saturday through early Sunday, a low pressure system will move inland through Southern California bringing cooling, gusty west winds in the mountains and deserts and a chance of showers along and west of the mountains. For Monday through Wednesday, generally dry northwest flow aloft with high temperatures warming to near average.

#### **Southeast California Weather:**

A cold air mass will remain in place through today keeping temperatures below seasonal normals with widespread freezing temperatures in the morning across Southeastern California. Warmer weather will return Friday as high pressure builds resulting in near to above average temperatures through the weekend. Slightly cooler weather will return early next week though chances for precipitation will remain very low until at least the middle of next week.



# STATE WEATHER MAP



**Cal OES**  
GOVERNOR'S OFFICE  
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# **FIRE ACTIVITY**



## **Preparedness Levels**

### **National Preparedness Level 1**

#### **Northern California**

Preparedness Level 1, Multi-Agency Coordination System MACS Mode 2

#### **Southern California**

Preparedness Level 2, Multi-Agency Coordination System MACS Mode 2

## **California Fire Potential & Weather Maps**

### **Southern California 7 Day Significant Fire Potential**

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

### **Northern California 7 Day Significant Fire Potential**

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

### **California Fire Weather Map Watches and Warnings**

<http://www.wrh.noaa.gov/firewx/main.php>

### **NWS California River Forecast Center:**

<http://www.cnrfc.noaa.gov/>

# CAL OES 2014 DROUGHT

## Cal EOC Incident – 2014 Drought

- The SOC is activated in support of the Drought State of Emergency and continue to monitor the situation.
- The Governor issued Executive Order B-26-14 on 09/19/14, to streamline relief efforts for families with drinking water shortages due to drought, specifically through the California Disaster Assistance Act, to provide temporary water supplies to households without water for drinking and/or sanitation purposes.
- The Governor issued Executive Order B-29-15 on 04/01/15 which announced actions that will save water, increase enforcement to prevent wasteful water use, streamline the state's drought response and invest in new technologies to make California more drought resilient.
- CDAA 2014 Drought Fact Sheet and Frequently Asked Questions provided to Regions for reference and distribution.
- Cal OES Recovery continues to coordinate the Community Impacts Workgroup conference calls. Currently, the calls take place on alternating Wednesdays.
- Cal OES Recovery/Individual Assistance finalized an updated 2015 version of the drought brochure of programs and services for individuals, businesses, farmers, and ranchers. It has been put on the Governor's Drought webpage. State agencies may put the following link to the brochure on their webpage <http://ca.gov/drought/pdf/Drought-Assistance-Brochure-2015.pdf>
- Cal OES Regions (Inland, Coastal, Southern) collective OA drought call is facilitated by the SOC and will be held once per month.

# CAL OES 2014 DROUGHT

## Cal EOC Incident – 2014 Drought

### **Local Emergency Proclamations:**

**A total of 63 local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:**

- 29 Counties: Butte, Colusa, Calaveras, El Dorado, Fresno, Glenn, Inyo, Humboldt, Kern, Kings, Lake, Madera, Mariposa, Merced, Modoc, Plumas, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Sonoma, Stanislaus, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
- 13 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Manteca (San Joaquin County), City of Montague (Siskiyou County), City of Porterville (Tulare County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of San Juan Bautista (San Benito County), City of Santa Barbara (Santa Barbara County), City of Rancho Cucamonga (San Bernardino County) and City of West Sacramento (Yolo County), City of Willits (Mendocino County), and City of Fort Bragg (Mendocino County).
- 9 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tule River Indian Tribe (Tulare County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).





**Mission:**

We protect lives and property, build capabilities, and support our communities for a resilient California.

*We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.*